WORKABOUT PRO Second Generation Hand-Held Computer

ADVANTAGES

Industry Leading Flexibility & Integration

- The WORKABOUT PRO supports a variety of field installable expansion modules including scanners, imagers, RFID modules, biometrics modules, speech, Wireless LAN (WLAN) Wireless WAN (WWAN) radios, GPS, and more.
- Hardware Developer's Kit (HDK) allows for development of custom expansion modules to address your unique business needs..
- A choice of Microsoft Embedded CE 5.0, or Windows Mobile 6 offers the ultimate in flexibility to meet the specific needs of your software solution.

Essential Ruggedness

- Withstands 26 drops from five feet to polished concrete.
- Withstands shock & vibration consistent with mounting in a truck or a forklift.
- IP65 rating, protecting it against dust and water sprayed from all directions.

Superior Ergonomic Design

The ease of use and portability of the WORKABOUT PRO combine to deliver exceptional ergonomics.

- Numeric and Full Alphanumeric keyboard layouts with a standard backlight feature.
- Full VGA color - touch display provides improved graphics capability in all lighting conditions.

The Power to Adapt

The WORKABOUT PRO - unparalleled flexibility combined with outstanding ergonomics and ruggedness. The industry leading flexibility allows users to configure the WORKABOUT PRO with a multitude of technologies including RFID, Biometrics, Speech, Imaging and more to meet specific and evolving application needs. With its superior flexibility and a design that withstands the harshest environments, the WORKABOUT PRO delivers maximum usability, maximum investment protection and value over the long term.

WORKABOUT PRO

PSION TEKLOGIX

information in motion

Specifications*

WORKABOUT PRO C
Hand-held Computer

WORKABOUT PRO S
Hand-held Computer

Designed for
Windows Mobile®

Powered by
Windows® Embedded

MODEL VARIANTS
- WORKABOUT PRO C – Model 7527C-G2
- WORKABOUT PRO S – Model 7527S-G2

PLATFORM
- PXA270 520 MHz, 32 bit RISC CPU
- 128 MB flash, 128 MB RAM

OPERATING SYSTEM
- Microsoft® Windows® CE 5.0
- Microsoft® Windows® Mobile® 6 Classic, Professional

WIRELESS COMMUNICATIONS
- Optional expansion modules for:
  - 802.11b/g Compact Flash Radio operating in the 2.4GHz band
  - 802.11a/b/g Compact Flash Radio with integrated antenna operating in 2.4GHz and 5GHz bands
- GSM/GPRS EDGE (via expansion interface) Quad Band - 850/900/1800/1900 Voice and Data
- UMTS/HSDPA (via expansion interface) Triple band, 850/1900/2100MHz Voice and Data
- Integrated Bluetooth® class II, ver. 1.2
- Note: 802.11 b/g, GSM/UMTS, and Bluetooth® are available simultaneously

BARCODE APPLICATIONS
- Optional 1D imager expansion module
- Optional 2D imager expansion module
- Optional 1D SE955 laser scanner expansion module
- Optional 1D SE1223 High Performance laser scanner expansion module
- Optional bolt-on pistol grip
- Note: All are user upgradable

RFID MODULE OPTIONS
- HF Module
  Frequency: 13.56 MHz
  Tags supported: ISO 15693, Philips ICode™; TI Tagit™; Tagsys (C210, C220, C240, C270)
  Read/write range up to: 3.15 in. (80 mm)
- MIFARE module
  Frequency: 13.56 MHz
  Tags supported: ISO 14443 A&B, Mifare
  Read/write range up to: 1.97 in. (50 mm)
- LF module
  Frequency: 125 KHz, 134.2 KHz
  Tags supported: EM 4x0x, EM 4x50; Hitag 1 & 2; ISO HDXA & FDXB
  Read/write range up to: 2.756 in. (70 mm)
- UHF module
  Frequency: 868 MHz or 915 MHz
  Read range: up to 4.92 ft. (150 cm) [915 MHz] and up to 2.62 ft. (80 cm) [868 MHz]
  Tag supported: EPC Class 1 Gen 2, other protocols depending on regions

USER INTERFACE
- Color Touch Screen Display
  3.6 in. (9.144 cm) diagonal
  Full VGA 480x640 resolution
  Transflective, portrait mode TFT
  Adjustable Backlight
  Sunlight readable (for outdoor use)
  High reliability LED backlight
  Easily replaceable and customizable bezel
- Touchscreen (standard)
  Passive stylus or finger operation
  Signature capture

- Keyboards
  Full Alpha-Numeric (C model)
  Numeric (S model)
  Ergonomically enhanced for ambidextrous one-hand operation
  Backlit, high durability hard-capped keys
- Indicators & Controls LED indicates battery charge status
- Audio
  90 db mono speaker
  Mono microphone
  86 db beeper

PROGRAMMING ENVIRONMENT
- HTML, XML
- Psion Teklogix Mobile Devices SDK
- Hardware Development Kit (HDK)
- .NET and C++ programming using Microsoft® Visual Studio® 2005
- Java programming supporting JDK 1.2.2 or higher
- Standard Protocol APIs Windows sockets (CE.net)

APPLICATION SOFTWARE
- Internet Explorer® 6.0 incl. with Windows® CE 5.0
- Internet Explorer® Mobile incl. with Windows® Mobile® 6
- Windows Mobile Device Center
- Phone dialer and Personal Information Manager (PIM) incl. with Windows Mobile 6 Professional
- Unique Psion Teklogix Voice Dialer and Contacts Manager incl. Windows CE 5.0
- PTX Connect VoIP
- Optional OpenTekTerm terminal emulation software, supports IBM 5250, IBM 3270, HP2392, ANSI and TESS
- Mobile Control Center (MCC) device management

EXPANSION SLOTS
- One SD/MMC memory card slot – user accessible
- End-cap USB Interface supports GPS expansion module.
- 100-PIN expansion interface: supports PCMCIA (type II), GSM/GPRS EDGE and other third-party expansion modules developed using Psion Teklogix WORKABOUT PRO Hardware Developer's Kit.
- Flex cable interface with robust connector: supports scanner (serial) and imager (USB) modules
- One Type II CF Card Slot

EXTERNAL CONNECTORS
- One Tether connection with full RS232 and USB On-The-Go (USB 1.1) functionality
- One Low-Insertion Force (LIF) docking connector
- DC Power Jack

POWER MANAGEMENT
- Optional 3.7V, 3000 mAh High Capacity Battery Pack
- Optional 3.7V, 4000 mAh Super High Capacity Battery Pack
- Advanced Smart Battery with gas gauge
- 3 power source options:
  Runs off battery, AC power, or automotive power supplies

- Built in charger
- Rechargeable, user replaceable backup battery pack

ENVIRONMENTAL
- Withstands 26 drops (on 12 edges, 8 corners, 6 faces) at 5 ft. (1.5 meters) to polished concrete while powered on and configured with accessories such as CF radio, scanner/imager, and pistol grip.
- Rain/Dust: IP65, IEC 60529
- Operating Temperature: -4°F to 122°F (-20°C to +50°C)
- 5%-95% RH non-condensing
- Storage Temperature: -40°F to 140°F (-40°C to +60°C)
- ESD: +/- 8kVdc air discharge, +/- 4kVdc contacts

PHYSICAL DIMENSIONS AND WEIGHT
- WORKABOUT PRO C:
  8.775'' × 2.95''/3.94'' × 1.22''/1.65'' (223 mm × 75/100 mm × 31/42 mm)
- WORKABOUT PRO S:
  7.87'' × 2.95''/3.94'' × 1.22''/1.65'' (200 mm × 75/100 mm × 31/42 mm)
- Weight (w/o battery pack):
  WORKABOUT PRO C: 1 lbs (455 g)
  WORKABOUT PRO S: .859 lbs (390 g)

POWER ACCESSORIES
- AC power supply (charge & operate hand-held)
- Automotive power supply (charge & operate hand-held)
- Single and Quad slot battery pack chargers
- Powered cradle for vehicle mount applications

COMMUNICATION ACCESSORIES
- Quad Dock (4-site) with 10/100 BaseT Ethernet and charge functions
- Desktop Docking Station (charges hand-held & spare battery) provides USB1.1 host and device ports and supports optional plug-on expansion modules supporting 10/100 Base T Ethernet or RS232 connections.
- USB On-The-Go cable supports Active Sync without requiring a docking station
- Optional End Caps supporting RS232, TTL, and IrDA

CARRYING ACCESSORIES
- Hand-strap, pistol grip with trigger, holster, various protective carrying cases and pouches

APPROVALS
- Safety: CSA/UL60950-1, IEC 60950-1, EN60950-1
- EMC: FCC Part 15 Class B
          EN 55022
          EN 55024
          EN301 489
- Laser: IEC 60825-1, Class 2
          FDA 21 CFR 1040.10.
          1040.11 Class II
- Bluetooth: 1.2
- RF: Bluetooth and 802.11b/g: EN300 328, Part 15.247
  GSM/GPRS: EN301 511; EN50360/361, NAPRD03; 3GPP51.010; FCC Parts 22 & 24; Industry Canada; RSS-132 & 133
- In Vehicle Cradle: e Mark

Product is RoHS compliant **RoHS✓**

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